

Aero Design Ltd.**Work Order Control Sheet****Work Order#:** 2017-33 **Date Opened:** 15 Feb 17 **Title:** Fabrication**Aircraft OEM:** Airbus Helicopters **Aircraft Model:** AS350 **Product Type:** Short Step **Product Model:** Bushing **Quantity:** 105**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)
Additional Work Sheets (Standard Practice)
Drawings (See List Below)
Parts Distribution Sheet
Sub Component Tags
Completed Certification (Original)
Time Sheet (R&D)
Notes

Initial or N/A

N/A
N/A
DB
JC
N/A
JC
N/A
N/A

Build Sheet Contents

Tasks Initialled
Dual Inspections Initialled

Initial or N/A

N/A
N/A

Drawing List

Drawing #	Rev #	Description	Initial or N/A
82733	2	Short Step Parts	DB

Traveller

Initial or N/A

Component Completion

Quantity Complete on This Work Order
Quantity Incomplete on This Work Order
Further Processing Required Before Release
Release to Stock as Components

As Instructed

105
N/A
N/A
N/A

Certification

Form One Completed
Serviceable (Green) Tag Completed
In Process (Yellow) Tag Completed
Unserviceable (Red) Tag Completed
Parts Placed in Stores for Distribution

Initial or N/A

JC
JC
N/A
N/A
JC

Additional Documentation

Documentation of a minor change
Non-Conformance Report Required
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

Billing

Local (Aero Design)
Research and Development
Third Party

Initial or N/A

JC
N/A
N/A

Work performed by:

Print: D. BartfaiSign: [Signature]SCA: AD07Date: 24-Mar-17

ICC / Dual Inspection performed by:

Print: J. RekveSign: [Signature]SCA: AD01Date: 14-Mar-17

Work Order closed by:

Print: J. ClarkeSign: [Signature]SCA: AD02Date: 15-May-17

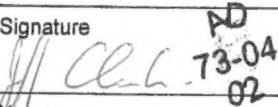
Approved Manufacturing Facility 73-04

Form 20/0/03

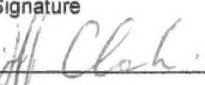
Rev. Original 23 Sep 2014

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2019-0165	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice PO-19051-MISC	
6. Item 1.	7. Description Bushings	8. Part Number 82733-02	9. Qty. 2	10. Serial/Batch No. WO 2017-33	11. Status/Work New	
12. Remarks Certification data: TCCA STC SH09-38; FAA STC SR02770NY; EASA STC 10060496						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 25 May 2019		14d. Name		14e. Date (dd/mm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

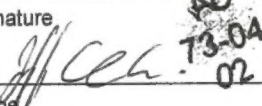
SILVER KING

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2019-0089
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice None
6. Item 1.	7. Description Bushing	8. Part Number 82733-02	9. Qty. 1	10. Serial/Batch No. WO 2017-33	11. Status/Work New
12. Remarks Certification data: TCCA STC SH09-38; FAA STC SR02770NY					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 08 Apr 2019		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

AIRSPAN

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2019-0107		
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice PO 151934		
6. Item 1.	7. Description Bushing	8. Part Number 82733-02	9. Qty. 4	10. Serial/Batch No. WO 2017-33	11. Status/Work New		
12. Remarks Certification data: TCCA STC SH09-38; FAA STC SR02770NY; EASA STC 10060496							
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.				
13b. Signature  PD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 18 Apr 2019		14d. Name		14e. Date (dd/mmm/yyyy)	
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>							

HELI AUSTRIA

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2018-0130
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice PO BJC-8193
6. Item 1.	7. Description Bushing	8. Part Number 82733-02	9. Qty. 4	10. Serial/Batch No. WO 2017-33	11. Status/Work New
12. Remarks Certification data: TCCA STC SH09-38; FAA STC SR02770NY					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature 14c. Approved Organization Number	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 04 June 2018		14d. Name 14e. Date (dd/mmm/yyyy)	
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

HELI QUEST



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: BUSHING

No. of pieces: 105 ~~108~~ ¹⁰⁸ ~~106~~ ^{DB} 91

Manufacturer: AERO DESIGN

Part No.: 82733-02

Serial/Batch No.: PO 16043 / 16003

TTSN: N/A

TSO: N/A

Rem.: N/A

Work Order No.: 2017-33

Remaining Tasks to be Performed: FACE + DRILL ENDS, TURN OD, INSPECT,

Anodize

Signature: JH/Cal

Date: 14 MAR 2017

Lic. No. / SCA AD02

In Process



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

In Process

Remarks

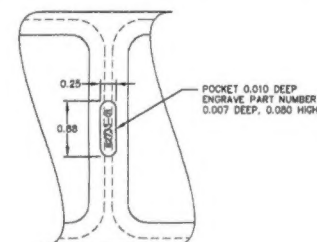
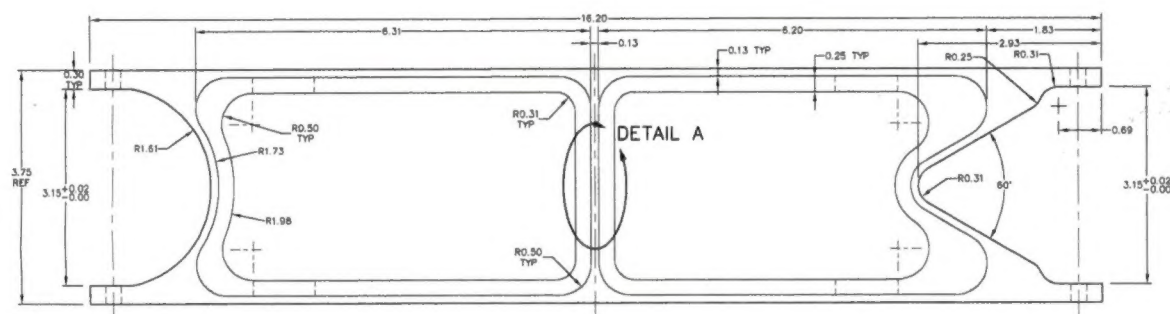
- 1 Completed 14 MAR 2017 JC.
- 2 Completed 20 MAR 2017 JC.
- 1 completed 21 MAR 2017 JC.
- 1 Completed 11 APR 2017 JC.
- 2 completed 13 APR 2017 JC.
- 5 completed 24 APR 2017 JC.
- 2 FOR PAINT 28 APR 2017 JC

91 total for Anodizing - Complete 12 May 2017 JC. 17045

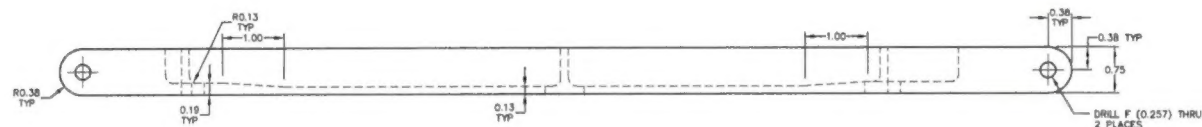
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2017-33

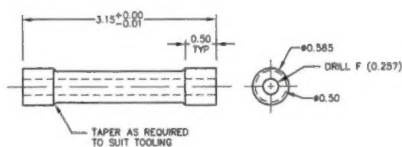
THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THE DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE OR MISUSE OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	CHANGE BUSHING (ITEM 02), REMOVE BUSHING (ITEM 03)	BAC	29 AUG 12
2	TITLE BLOCK UPDATED; CENTRE SUPPORT AND UPPER PROFILE RAD. INCREASED	BJC	30/07/2014



DETAIL A
LOOKING AT OPPOSITE SIDE



01 BRACKET



02 BUSHING

NOTES

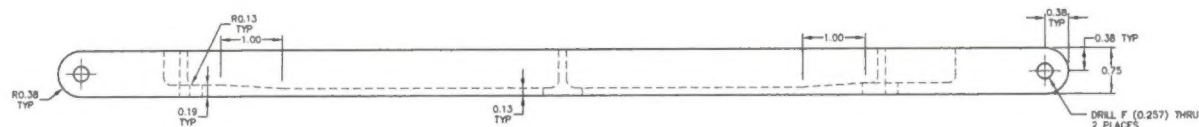
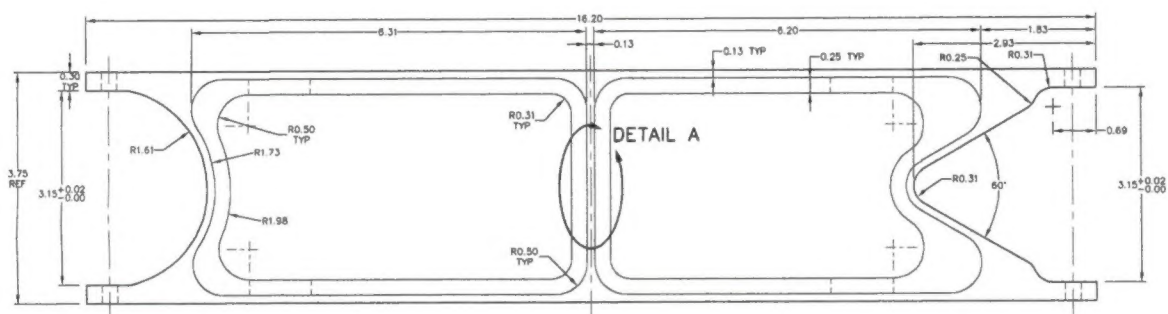
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. THOROUGHLY DEGREASE, ALDINE, EPOXY PRIME AND POLYURETHANE PAINT ALL ALUMINUM PARTS PRIOR TO ASSEMBLY.
ALTERNATE: ANODIZE ALL ALUMINUM PARTS IN ACCORDANCE WITH MIL-A-8625F, TYPE II.
ALTERNATE: BRACKET (ITEM 01) TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY.

82733-02		02 BUSHING	6061-T6 ALUMINUM	QQ-A-200/B	0.625 ROD
82733-01		01 BRACKET	6061-T6 ALUMINUM	QQ-A-200/B	4 X 0.75 BAR
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY					
LIST OF MATERIALS					
APPROVALS		DATE			
DRAWN: JEFF CLARKE		16 MAR 2010			
CHECKED: E. BURGON					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS X.XXX ±0.010 X.XX ±0.03 X.X ±0.1			ANGLES ±1/2°		
SCALE 1 : 1			REV.		
SHEET 1 OF 1			A1 82733 2		

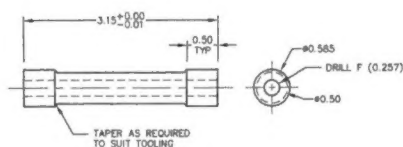
P0 16043/16003

AERO DESIGN LTD.
2888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 254.483.3370 www.aerodesign.ca

EUROCOPTER AS350/AS355 SERIES
FIXED CABIN STEP
SHORT STEP PARTS FABRICATION

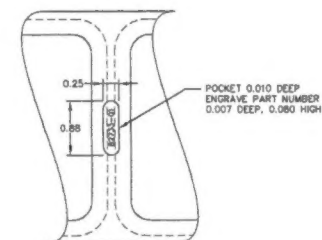


01 BRACKET



02 BUSHING

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	CHANGE BUSHING (ITEM 02), REMOVE BUSHING (ITEM 03)	BJC	29 AUG 12
2	TITLE BLOCK UPDATED; CENTRE SUPPORT AND UPPER PROFILE RAD. INCREASED	BJC	30/07/2014




DETAIL A
LOOKING AT OPPOSITE SIDE

NOTES

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. THOROUGHLY DEGREASE, ALDINE, EPOXY PRIME AND POLYURETHANE PAINT ALL ALUMINUM PARTS PRIOR TO ASSEMBLY.
ALTERNATE: ANODIZE ALL ALUMINUM PARTS IN ACCORDANCE WITH MIL-A-8625F, TYPE II.
ALTERNATE: BRACKET (ITEM 01) TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO ASSEMBLY.

		-- 03 --				
1	82733-02	02	BUSHING	6061-T6 ALUMINUM	QQ-A-200/8 0.625 ROD	
1	82733-01	01	BRACKET	6061-T6 ALUMINUM	QQ-A-200/8 4 X 0.75 BAR	
PART NO.		ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY			LIST OF MATERIALS			
APPROVALS			DATE			
DRAWN: JEFF CLARKE			16 MAR 2010			
CHECKED: E. BURGOIN						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			 <div>AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.486.3378 www.aerodesign.ca</div>			
DECIMALS		ANGLES				
X.XXX ±0.010		±1/2°				
X.XX ±0.03						
X.X ±0.1						
SCALE 1 : 1			DWG SIZE	DWG NO.	REV.	
SHEET 1 OF 1			A1	82733	2	

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2017-0123
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2017-33
6. Item 1.	7. Description Bushing	8. Part Number 82733-02	9. Qty. 2	10. Serial/Batch No. NSN	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature  AD 73-04 02		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 20 Mar 2017		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

westcan Aircraft

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2017-0330
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2017-33
6. Item 1.	7. Description Bushing	8. Part Number 82733-02	9. Qty. 1	10. Serial/Batch No. NSN	11. Status/Work New
12. Remarks					
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13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 07 Sep 2017		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
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BLACK COMB HELI